

9. (original) A method according to claim 7 wherein said first target domain and said second target domain are separated by at least one base and said method further includes contacting said ligation complex with a polymerase and at least one dNTP.

10. (previously amended) A method according to claim 7, 8 or 9 wherein one of said first and second probes comprises a label.

11. (original) A method according to claim 10 wherein said label is a primary label.

12. (original) A method according to claim 11 wherein said label is a fluorescent label.

13-14. (withdrawn)

15. (previously amended) A method according to claim 7, 8 or 9 wherein said amplifying is done by:

- a) hybridizing a first universal primer to said UUP;
- b) providing a polymerase and dNTPs such that said first universal primer is extended;
- c) hybridizing a second universal primer to said DUP;
- d) providing a polymerase and dNTPs such that said second universal primer is extended; and
- e) repeating steps a) through d).

16. (previously amended) A method according to claim 7 wherein said array comprises:

- a) a substrate with a patterned surface comprising discrete sites; and
- b) a population of microspheres comprising at least a first subpopulation comprising a first capture probe and a second subpopulation comprising a second capture probe.

17. (original) A method according to claim 16 wherein said discrete sites comprise wells.

18. (original) A method according to claim 16 wherein said substrate comprises a fiber optic bundle.

19. (currently amended) A method according to claim 7, 8 or 9 wherein said support ~~comprising a poly(T) sequence~~ comprises magnetic beads comprising a poly(T) sequence.

20. (previously added) A method according to claim 15 wherein at least one of said first universal primers and said second universal primer comprises a label.